## (19) World Intellectual Property Organization

International Bureau





### (43) International Publication Date 17 February 2005 (17.02.2005)

### PCT

# (10) International Publication Number WO 2005/015934 A1

(51) International Patent Classification<sup>7</sup>: H04L 12/56

H04Q 7/34,

(21) International Application Number:

PCT/IB2003/002510

(22) International Filing Date: 7 August 2003 (07.08.2003)

(25) Filing Language:

English

(26) Publication Language:

English

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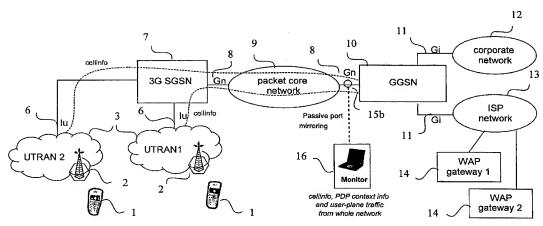
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LOCATION SIGNALING FOR LARGE-SCALE, END-TO-END, QUALITY-OF-SERVICE MONITORING OF MO-BILE TELECOMMUNICATION NETWORKS



(57) Abstract: A method, network, and device for measuring and analyzing packet-switched traffic in a packet-switched radio telecommunication network. When cell-level location information for a mobile station (1) changes due to a handover, the location information is transmitted toward a packet core network (9) by adding the information to userplane packet headers such as a GPRS Tunneling Protocol (GTP) header (26). The measurement device measures the cell-level location information at a level (15b) in the network where the information from a plurality of mobile stations (1) is aggregated, together with PDP context information prior to analyzing information for the entire network.

